

PI 547205 to 547208-continued

PI 547206 **origin:** United States. **collected:** September 19, 1989. **collector id:** MAX-2049. **other id:** Ames 13034. **source:** NC-7. **group:** Ames. **locality:** Edge of shelter belt by abandoned farm, also along edge of soybean field and in waste area near field, clay soil. Population scattered on both sides of road and in fields. Hwy. 53W, 17.3km west of Forest, Harfin County. **latitude:** 40 deg. 52 min. W. **longitude:** 83 deg. 34 min. N. **remarks:** Seed collected from 72 plants. Just past peak flowering. Good seed set. Plants generally have *H. maximiliani* characteristics. Leaves folded, wavy margins, lower one's quite large (long and wide). Stems very purple, very branched above. Multiple heads, some enlarged. Some heads had insect damage. Specimen collected. Collection #2049. Seed.

PI 547207 **origin:** United States. **collected:** September 23, 1989. **collector id:** MAX-2084. **other id:** Ames 13035. **source:** NC-7. **group:** Ames. **locality:** Along railroad right-of-way, extending for 50-100m, in clay soil. Hwy. 33E, 7km southeast of Effingham, Effingham County. **latitude:** 39 deg. 06 min. W. **longitude:** 88 deg. 29 min. N. **remarks:** Seed collected from 121 plants, scattered population Good seed set, small seeds. Plants short, 1/2 m tall, single headed, whorled and compact, folded, narrow (1 cm) wide. Plant did not have a grayish color as seen in northern *H. maximiliani*. Leaves were not serrate, undulating margins. Stems green. Several stems had gall from insect damage. Specimen collected. Collection #2084. Seed.

PI 547208 **origin:** United States. **collected:** September 24, 1989. **collector id:** MAX-2087. **other id:** Ames 13036. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch along fence row. Intersection of Hwy. 36W and Hwy. 4N, Springfield, Snagamon County. **latitude:** 39 deg. 49 min. W. **longitude:** 89 deg. 39 min. N. **remarks:** Seed collected from 75 plants, small isolated population. Plants peak flowering, good seed set. This population has mostly *maximiliani* characters, i.e. compact leaf arrangement, long and narrow somewhat folded, wavy margin, reflexed bracts. *H. annuus* and *grosseserratus* in general area. Specimen collected. Collection #2087. Seed.

PI 547209. *Helianthus mollis* Lam. ASTERACEAE

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